

STP 9-35E13-SM-TG

**Soldier's Manual and
Training Guide
MOS 35E
Radio and Communications
Security (COMSEC) Repairer
Skill Level 1/2/3**

DECEMBER 2003

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Soldier's Manual and Trainer's Guide

MOS 35E

Radio and Communications Security (COMSEC) Repairer

Skill Levels 1, 2, and 3

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*This publication supersedes STP 9-35E13-SM-TG dated 3 October 1995.

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PREFACE

This soldier training publication (STP) is intended for soldiers holding MOS 35E, Skill Levels 1, 2, and 3, their supervisors, trainers, and commanders. It contains an MOS Training Plan providing information needed to plan, conduct, and evaluate unit training, one of the most important jobs of military leaders. It includes standardized training objectives in the form of task summaries that can be used to train and evaluate soldiers on critical tasks supporting unit missions during wartime.

Soldiers holding MOS 35E should have access to this publication. Trainers and first-line supervisors should actively plan for soldiers' access, making it available in work areas, unit learning centers, and unit libraries. However, it is not intended for an individual copy to be provided to each MOS holder. The STP is obtainable on-line from the Reimer Digital Library (RDL) at <http://www.adtdl.army.mil/atdls.htm>.

Tasks in this manual apply to both Active and Reserve Component soldiers.

The proponent of this publication is HQ TRADOC. Submit comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Department of the Army, Training Directorate, Ordnance Training Division, ATTN: ATCL-AO, 401 First Street, Suite 225, Fort Lee, VA 23801-1511.

Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.

CHAPTER 1

Introduction

1-1. General. This soldier training publication (STP) identifies individual MOS training requirements for soldiers holding MOS 35E. Commanders, trainers, and soldiers should use it to plan, conduct, and evaluate individual training in units. The STP is the primary MOS reference for supporting self-development, evaluating MOS proficiency, and training 35E soldiers. Commanders employ two primary methods to evaluate soldiers' proficiency:

- Commander's evaluation. Commander's evaluations are local tests or assessments of soldiers' performance of MOS-specific and common tasks critical to the unit mission. They may be conducted year-round.
- Common task test (CTT). CTTs are hands-on tests used to evaluate proficiency on common tasks. Alternate written tests are provided if equipment is not available for hands-on testing.

This publication is the soldier's primary reference to prepare for a commander's evaluation of MOS-specific tasks. It contains task summaries for all critical tasks specific to the MOS and skill level (SL). Commanders and trainers will use this soldier's manual/trainer's guide (SM/TG) to plan and conduct training and commander's evaluations.

Chapter 2, Training Guide, contains information needed to plan training requirements for this MOS. The training guide--

- Identifies subject areas in which soldiers must be trained.
- Identifies critical tasks for each subject area.
- Specifies where soldiers are initially trained on each task.
- Recommends how often each task should be trained to sustain proficiency.
- Recommends a strategy for cross-training soldiers.
- Recommends a strategy for training soldiers to perform higher-level tasks.

Use this STP along with STP 21-1-SMCT (Soldier's Manual of Common Tasks, Skill Level 1), STP 21-24-SMCT (Soldier's Manual of Common Tasks, Skill Levels 2-4), Army training and evaluation programs (ARTEPs), FM 25-4 (How to Conduct Training Exercises), FM 25-5 (Training for Mobilization and War), FM 7-0 (Training the Force), and FM 25-101 (Battle-Focused Training) to establish effective training plans and programs that integrate soldier, leader, and collective tasks.

1-2. Task Summaries. Task summaries outline wartime performance requirements for each critical task in the STP. They provide both soldier and trainer with the information necessary to prepare, conduct, and evaluate critical task training. As a minimum, task summaries include information soldiers must know and skills they must perform to standard for each task. Following is the task summary format:

- Task number. The task number is a 10-digit number that identifies the task and skill level. Include the task number and title in any correspondence relating to the task.
- Task title. The task title identifies the action to be performed.

- **Conditions.** The task conditions statement describes the field or garrison conditions under which the task will be performed and identifies the equipment, tools, references, job aids, and supporting personnel that the soldier needs to perform the task in wartime.
- **Standards.** The task standards describe how well and to what level of proficiency the soldier must perform the task under wartime conditions. Standards are typically expressed in terms of accuracy, completeness, duration, sequence, speed, and tolerance.
- **Performance measures.** This section identifies specific actions that the soldier must accomplish to complete the task successfully. Performance measures appear in a GO/NO-GO rating format for easy evaluation. Some tasks may also include detailed training information in a Training Information Outline and an Evaluation Preparation Section. The Evaluation Preparation Section indicates necessary modifications to task performance in order to train and evaluate a task that cannot be trained to the wartime standard under wartime conditions. It may also include special training and evaluation preparation instructions to accommodate these modifications and any instructions that should be given to the soldier before evaluation.
- **References.** This section identifies references that provide more detailed explanations of task performance requirements than are given in the task summary.
- **Warnings.** Warnings alert users to the possibility of immediate personal injury or equipment damage.
- **Notes.** Notes provide additional supportive explanations or tips relating to task performance.

1-3. **Soldier's Responsibilities.** Each soldier is responsible for performing individual tasks identified by the first-line supervisor based on the unit's mission-essential task list (METL). Soldiers must perform tasks to the standards included in the task summary. If soldiers have questions about tasks or which tasks in this manual they must perform, they are responsible for asking their first-line supervisor for clarification. First-line supervisors know how to perform each task or can direct soldiers to appropriate training materials, including current field manuals, technical manuals, and Army regulations. Soldiers are responsible for using these materials to maintain performance. They are also responsible for maintaining performance of all common tasks listed in the SMCTs at their current skill level and below.

Periodically, soldiers should ask their supervisor or another soldier to check their performance to ensure that they can perform the tasks.

1-4. **NCO Self-Development and the STP.** Self-development is a key component of leader development. Leaders follow planned, progressive, sequential self-development programs developed by the individual NCO and his or her first-line supervisor to enhance and sustain military competencies. Self-development consists of individual study, research, professional reading, practice, and self-assessment. The self-development concept requires NCOs, as Army professionals, to take responsibility for remaining current in all phases of their MOS. The STP is the NCO's primary source for maintaining MOS proficiency.

Another important resource for self-development is the Army Correspondence Course Program (ACCP). Refer to DA Pamphlet 350-59 (Army Correspondence Course Program Catalog) for detailed eligibility requirements and enrollment information. The catalog is available at local education centers or on line through the Army Institute for Professional Development (AIPD) web site, <http://www.atsc.army.mil/accp/aipdnew.asp>. The web site offers on-line enrollment.

1-5. **Commander's Responsibilities.** Commanders must ensure that their unit training plans prepare the unit for war by enabling soldiers to develop and sustain proficiency in their MOS and skill level tasks. Commanders should design unit training programs to provide individual training for all soldiers assigned to the unit and to evaluate soldier proficiency routinely as part of the commander's evaluation program. The unit training program should also integrate individual training with crew drills and other collective

training. The MOS training plan provides information on which to base integration, cross-train, train-up, and sustainment training programs. Commanders should use the MOS training plan when developing unit training plans.

1-6. Trainer's Responsibilities. Training is the business of all unit leaders. First-line leaders are the principal trainers in the unit because they directly supervise soldiers and lead crews, squads, sections, and teams.

Trainers can use the MOS training plan to determine the critical tasks each soldier is responsible for. They should tell each soldier which tasks he or she must be able to perform. Trainers should evaluate task performance to determine which tasks each soldier can or cannot perform to standard. Soldiers who cannot perform a task to standard need further training. This STP helps the trainer do what trainers get paid to do-train. Developing effective training is explained in detail in FM 7-0 and FM 25-101.

Every task summary in this STP includes performance measures, that trainers may use year-round to determine if soldiers can perform critical tasks to the specified standards. The performance measures identify what the trainer needs to observe to score a soldier's performance. A blank space is provided for the trainer to check either the GO or NO-GO column for each performance measure. Some tasks require the trainer to watch the soldier perform them (evaluate the process). Other tasks call for the trainer to focus on the results of the soldier's performance (evaluate the product). Comments should not be written on the task summary.

Trainers can monitor the progress of their soldiers by recording task GO/NO-GO results. Trainers may use DA Form 5164-R (Hands-On Evaluation) to record the performance measures a soldier passed or failed. The form, which may be locally reproduced, applies to all tasks in this STP. Trainers may have DA Form 5164-R overprinted with information unique to their training requirements before reproducing it. See Appendix A of this STP for a sample DA Form 5164-R with instructions.

- Trainers may use DA Form 5165-R (Field Expedient Squad Book) to record hands-on GO/NO-GO results for a group of soldiers (for example, a crew, section, or squad) having the same MOS and skill level. This form supports conduct of commander's evaluations, and can be used to record training results gathered in the field during slack time for all MOSs and skill levels. Use of this form is optional. See Appendix B for a sample DA Form 5165-R with instructions. Trainers should work with each soldier until tasks can be performed to specific task summary standards.

1-7. Training Support. References have been identified for each task to assist in planning and conducting training. A consolidated list of references identified by type, publication number, and title and a comprehensive glossary of acronyms, abbreviations, and definitions are included in this STP.

CHAPTER 2

Training Guide

2-1. General. The MOS Training Plan (MTP) identifies the essential components of a unit training plan for individual training. Units have different training needs and requirements based on differences in environment, location, equipment, dispersion, and similar factors. Therefore, the MTP should be used as a guide for conducting unit training and not a rigid standard. The MTP consists of two parts. Each part is designed to assist the commander in preparing a unit training plan which satisfies integration, cross training, training up, and sustainment training requirements for soldiers in this MOS.

Part One of the MTP shows the relationship of an MOS skill level between duty position and critical tasks. These critical tasks are grouped by task commonality into subject areas.

Section I lists subject area numbers and titles used throughout the MTP. These subject areas are used to define the training requirements for each duty position within an MOS.

Section II identifies the total training requirement for each duty position within an MOS and provides a recommendation for cross training and train-up/merger training.

Duty Position column. This column lists the duty positions of the MOS, by skill level, which have different training requirements.

Subject Area column. This column lists, by numerical key (see Section I), the subject areas a soldier must be proficient in to perform in that duty position.

Cross Train column. This column lists the recommended duty position for which soldiers should be cross-trained.

Train-up/Merger column. This column lists the corresponding duty position for the next higher skill level or MOSC the soldier will merge into on promotion.

Part Two lists, by general subject areas, the critical tasks to be trained in an MOS and the type of training required (resident, integration, or sustainment).

Subject Area column. This column lists the subject area number and title in the same order as Section I, Part One of the MTP.

Task Number column. This column lists the task numbers for all tasks included in the subject area.

Title column. This column lists the task title for each task in the subject area.

Training Location column. This column identifies the training location where the task is first trained to soldier training publications standards. If the task is first trained to standard in the unit, the word „Unit“ will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (ANCOC, BNCOC, etc.), the resident course where the task was taught. Figure 2-1 contains a list of training locations and their corresponding brevity codes.

BNCOC	Basic NCO Course
BCT	Basic Combat Training
UNIT	Trained in the Unit
AIT	Advanced Individual Training

Figure 2-1. Training Locations

Sustainment Training Frequency column. This column indicates the recommended frequency at which the tasks should be trained to ensure soldiers maintain task proficiency. Figure 2-2 identifies the frequency codes used in this column.

BA	- Biannually
AN	- Annually
SA	- Semiannually
QT	- Quarterly
MO	- Monthly
BW	- Bi-weekly
WK	- Weekly

Figure 2-2. Sustainment Training Frequency Codes

Sustainment Training Skill Level column. This column lists the skill levels of the MOS for which soldiers must receive sustainment training to ensure they maintain proficiency to soldier's manual standards.

2-2. Subject Area Codes.

Skill Level 1

- 1 Amplifiers
- 2 Auxiliary Equipment
- 3 Mobile Subscriber Equipment (MSE)
- 4 Power Supplies
- 5 Receivers-Transmitters
- 6 Secure Data Transmission Equipment
- 7 Secure Voice Equipment
- 8 Security
- 9 Switching Equipment
- 10 Systems
- 11 Trunking Equipment
- 12 Special Equipment Training (L/M)
- 13 Mobile Subscriber Equipment (MSE) (F/M, 160-F27)
- 14 Maintenance Management

Skill Level 2

- 15 Maintenance Administration
- 16 Facility Administration

Skill Level 3

- 17 Electronic Maintenance Management

2-3. Duty Position Training Requirements.

DUTY POSITION		SUBJECT AREAS	CROSS TRAIN	TRAIN-UP MERGER
SL 1	Radio/COMSEC Repairer	1-14	NA	35E20
SL 2	Radio/COMSEC Repairer	1-14 15-16	NA	35E30
SL 3	Senior Radio/COMSEC Repairer	17	NA	35W40
SL 4	NA	NA	NA	NA

2-4. Critical Task List.

**MOS TRAINING PLAN
35E13**

CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
Skill Level 1					
1. Amplifiers	093-35E-1002	Repair Amplifier, Radio Frequency AM-7238(*)/VRC	AIT	AN	1-3
	093-35E-1003	Repair Amplifier-Converter AM-6879/VRC	AIT	AN	1-3
	093-35E-1004	Repair Power Amplifier AM-6545/GRC-193A	AIT	AN	1-3
2. Auxiliary Equipment	093-35E-1005	Repair Amplifier-Adapter, Vehicular AM-7239(*)/VRC	AIT	AN	1-3
	093-35E-1006	Repair Control-Monitor C-11291(*)/VRC	UNIT	AN	1-3
	093-35E-1007	Repair Remote Control Unit C-11561 (C)/U	UNIT	AN	1-3
	093-35E-1008	Repair Mounting Base MT-6352/VRC	AIT	AN	1-3
	093-35E-1010	Repair Antenna Coupler CU-2064/GRC-193A	AIT	AN	1-3
3. Mobile Subscriber Equipment (MSE)	093-35E-1011	Repair TSEC/HGX-82	AIT	AN	1-3
	093-35E-1012	Repair TSEC /KY-68	AIT	AN	1-3
4. Power Supplies	093-35E-1013	Repair Power Supply PP-2953/PP-6224(*)/U	UNIT	AN	1-3
	093-35E-1015	Repair Amplifier-Power Supply OA-3633/GRC	UNIT	AN	1-3
	093-35E-1016	Repair Power Supply PP-1104/G	UNIT	AN	1-3
	093-35E-1017	Repair Amplifier-Power Supply AM-7152/GRC-213	AIT	AN	1-3
5. Receivers-Transmitters	093-35E-1059	Repair AN/PSC-5	AIT	AN	1-3
	093-35E-1018	Repair Receiver-Transmitter RT-246/VRC	UNIT	AN	1-3
	093-35E-1019	Repair Receiver-Transmitter RT-524/VRC	UNIT	AN	1-3
	093-35E-1020	Repair Receiver-Transmitter RT-841/PRC-77	UNIT	AN	1-3
	093-35E-1021	Repair Receiver-Transmitter RT-1523 (*) C/U	AIT	AN	1-3
	093-35E-1022	Repair Receiver-Transmitter RT-1539 (P)A(C)/G	UNIT	AN	1-3

6. Secure Data Transmission Equipment	093-35E-1024	Repair TSEC/KG-84 (*)	AIT		
	093-35E-1025	Repair TSEC/KI-1C	AIT	AN	1-3
7. Secure Voice Equipment	093-35E-1026	Repair TSEC/KY-57/KY-58	AIT	AN	1-3
	093-35E-1028	Repair Vinson Family Ancillary Equipment	UNIT	AN	1-3
	093-35E-1053	Repair KY-99/100/TSEC	AIT	AN	1-3
8. Security	093-35E-1034	Identify COMSEC Insecurities	AIT	AN	1-3
9. Switching Equipment	093-35E-1035	Repair TSEC/KY-90	AIT	AN	1-3
10. Systems	093-35E-1037	Repair Radio Set AN /PRC-104(*)	AIT	AN	1-3
	093-35E-1038	Repair Radio Set Control AN/GRA-39(*)	UNIT	AN	1-3
	093-35E-1056	Maintain Data Systems	AIT	AN	1-3
11. Trunking Equipment	093-35E-1040	Repair TSEC/KG-94(*)/194(*)	AIT		
12. Special Equipment Training (L/M)	093-35E-1041	Repair KG-83/TSEC	AIT	AN	1-3
	093-35E-1042	Perform Certification of KG-83/TSEC	AIT	AN	1-3
	093-35E-1043	Perform Certification of KGX-93A/TSEC	UNIT	AN	1-3
	093-35E-1054	Maintain Fill Devices	UNIT	AN	1-3
13. Mobile Subscriber Equipment (MSE) (F/M, 160-F27)	093-35E-1045	Repair TSEC/KT-83	UNIT	AN	1-3
	093-35E-1046	Repair HGX-83A/TSEC	AIT	AN	1-3
14. Maintenance Management	093-35E-1050	Prepare Maintenance Forms	AIT	AN	1-3
	093-35E-1055	Maintain The AN/GRM-122 Radio Test Set	AIT	AN	1-3
	093-35E-1057	Maintain The ST-58 Test Set	UNIT	AN	1-3
Skill Level 2					
15. Maintenance Admin.	093-35E-2001	React To COMSEC Insecurity	UNIT	AN	2-3

	093-35E-2003	Perform Technical Inspection of Radio/COMSEC Equipment	UNIT	AN	2-3
	093-35E-2013	Perform Initial Inspection	UNIT	AN	2-3
16. Facility Admin.	093-35E-2014	Maintain A Shop/Section Calibration Program	UNIT	AN	2-3
Skill Level 3					
17. Electronic Maintenance Management	093-SSG-3001	Inspect Section/Shop Safety	BNCOC	QT	3
	093-SSG-3002	Manage Section/Shop Security	BNCOC	QT	3
	093-SSG-3004	Submit a Quality Deficiency Report (QDR)	BNCOC	QT	3
	093-SSG-3006	Plan Work Flow	BNCOC	QT	3
	093-SSG-3010	Perform Final Inspections	BNCOC	QT	3
	093-SSG-3013	Maintain Property Accountability	BNCOC	QT	3
	093-SSG-3016	Monitor Bench Stock Operations	BNCOC	QT	3
	093-SSG-3017	Monitor Shop Stock Operations	BNCOC	QT	3
	093-SSG-3021	Review SAMS-1 Reports	BNCOC	QT	3

CHAPTER 3**MOS/Skill Level Tasks**

Skill Level 1

Subject Area 1: Amplifiers

**Repair Amplifier, Radio Frequency AM-7238(*) /VRC
093-35E-1002**

Conditions: Given an AM-7238/VRC with a suspected fault, appropriate maintenance forms, power supply, ON-373/GRC interconnecting group, radio test set (AN/GRM-114B or AN/GRM 122), repair parts, TM 11-5820-890-30, TM 11-5820-890-30-3, TM 11-5820-890-30-4, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: The standard was met when the AM-7238/VRC was returned to an operational condition and maintenance forms and records were properly completed in accordance with technical manuals and DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection
4. Set up test equipment in accordance with technical manuals.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

DA PAM 738-750

TM 11-5820-890-30

Related

References

Required

TM 11-5820-890-30-3

TM 11-5820-890-30-4

Related

**Repair Amplifier-Converter AM-6879/VRC
093-35E-1003**

Conditions: Given an AM-6879/VRC with a suspected fault; appropriate maintenance forms; power supply; appropriate test, measurement, and diagnostic equipment (TMDE); TK-105/G; repair parts; TM 11-5820-924-13; TM 11-5820-924-24P; and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the AM-6879/VRC to an operational condition in accordance with TM 11-5820-922-40-1 or TM 11-5820-922-40-2 and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-5820-924-13
TM 11-5820-924-24P

Related

Repair Power Amplifier AM-6545 /GRC-193A
093-35E-1004

Conditions: Given an AM-6545/GRC-193A with a suspected fault, appropriate maintenance forms, power supply, AN/GRC-193 radio set, installation kit MK-2459, AN/GRM-114 radio test set, TK-105/G, repair parts, TM 11-5820-924-13, TM 11-5820-924-24P, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the AM-6545/GRC-193A to an operational condition in accordance with TM 11-5820-924-13 correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-5820-924-13
TM 11-5820-924-24P

Related

Subject Area 2: Auxiliary Equipment

**Repair Amplifier-Adapter, Vehicular AM-7239(*)/VRC
093-35E-1005**

Conditions: Given an AM-7239(*)/VRC with a suspected fault, appropriate maintenance forms, power supply, ON-373/GRC interconnecting group, radio test set (AN/GRM-114B or AN/GRM 122), repair parts, TM 11-5820-890-30, TM 11-5820-890-3, TM 11-5820-890-30-4, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the AM-7239(*)/VRC to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Performed safe to turn-on checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

TM 11-5820-890-30
TM 11-5820-890-30-3
TM 11-5820-890-30-4

Related

DA PAM 738-750

**Repair Control-Monitor C-11291(*)/VRC
093-35E-1006**

Conditions: Given a C-11291(*)/VRC series control monitor with a suspected fault, appropriate maintenance forms, power supply, ON-373/GRC interconnecting group, radio test set (AN/GRM-114B or AN/GRM 122), repair parts, TM 11-5820-890-30, TM 11-5820-890-30-3, TM 11-5820-890-30-4, TM 11-5820-890-30-5 and DA Pam 738-750. This task can be performed in a garrison or field environment.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the C-11291(*)/VRC to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-5820-890-30
TM 11-5820-890-30-3
TM 11-5820-890-30-4
TM 11-5820-890-30-5

Related

Repair Remote Control Unit C-11561 (C)/U
093-35E-1007

Conditions: Given a C-11561(C)/U with a suspected fault, appropriate maintenance forms, ON-373 interconnecting group, power supply, radio test set AN/GRM-114B or GRM-122, repair parts, TM 11-5820-890-30, TM 11-5820-890-20-2, TM 11-5820-890-30-4, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the C-11561 to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
 TM 11-5820-890-20-2
 TM 11-5820-890-30
 TM 11-5820-890-30-4

Related

**Repair Mounting Base MT-6352/VRC
093-35E-1008**

Conditions: Given an MT-6352/VRC with a suspected fault, appropriate maintenance forms, power supply, ON-373/GRC interconnecting group, radio test set (AN/GRM-114B or GRM-122), repair parts, TM 11-5820-890-30-4, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the MT-6352/VRC to operational condition in accordance with TM 11-5820-890-30-4 and correctly complete all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed primary power checks.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-5820-890-30-4

Related

TM 11-5820-890-30
TM 11-5820-890-30-3
TM 11-5820-890-30-5

**Repair Antenna Coupler CU-2064/GRC-193A
093-35E-1010**

Conditions: Given a CU-2064/GRC with a suspected fault, appropriate maintenance forms, power supply, AN/GRM-114 radio test set, maintenance kit MK-2459, AN/GRC-193A, TK-105/G, repair parts, TM 11-5985-373-40-1, TM 11-5985-373-40-2, TM 11-5820-924-13, and DA Pam 738-750. This task can be performed in a garrison or field environment.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the CU-2064/GRC to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed primary power checks.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-5820-924-13
TM 11-5985-373-40-1
TM 11-5985-373-40-2

Related

Subject Area 3: Mobile Subscriber Equipment (MSE)

**Repair TSEC /HGX-82
093-35E-1011**

Conditions: Given a TSEC/HGX-82 with a suspected fault, appropriate maintenance forms, ST-34 test set, operational KG-82, fill device with maintenance key, TK-105/G, multimeter, repair parts, (C)KAM-395 and DA Pam 738-750.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the TSEC/HGX-82 to an operational condition in accordance with (C)KAM-395() and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Loaded key variable into KG-82.
7. Tested TSEC/HGX-82 using the ST-34.
8. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
9. Identified defective parts.
10. Replaced defective parts with operational ones.
11. Performed operational checks.
12. Completed appropriate blocks on maintenance request forms.
13. Tagged defective parts for turn-in.
14. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
(C)KAM-395()/TSEC
DA PAM 738-750

Related

Repair TSEC/KY-68
093-35E-1012

Conditions: Given a TSEC/KY-68 with a suspected fault, appropriate maintenance forms, TK-105/G, fill device with maintenance key, ST-34 test set, multimeter, operational KG-82, repair parts, (C)KAM-403(), and DA Pam 738-750.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the TSEC/KY-68 to an operational condition in accordance with (C)KAM-403() and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with maintenance manuals.
5. Performed operational checks.
6. Loaded key variable into KG-82.
7. Tested TSEC/HGX-82 using the ST-34.
8. Verified faults listed on maintenance forms and used appropriate troubleshooting chart.
9. Identified defective parts.
10. Replaced defective parts with an operational one.
11. Performed operational checks.
12. Completed appropriate blocks on maintenance request forms.
13. Tagged defective parts for turn-in.
14. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
(C)KAM-403()/TSEC
DA PAM 738-750

Related

Subject Area 4: Power Supplies

**Repair Power Supply PP-2953/PP-6224(*)/U
093-35E-1013**

Conditions: Given a PP-2953 or PP-6224 power supply with a suspected fault, appropriate forms, appropriate test, measurement, and diagnostic equipment (TMDE), TK-105/G, repair parts, TM 11-6130-233-12, TM 11-6130-233-35, TM 11-6130-266-15, and DA Pam 738-750.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the PP-2953 or PP-6224 power supply to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 11-6130-233-12
- TM 11-6130-233-35
- TM 11-6130-266-15

Related

**Repair Amplifier-Power Supply OA-3633/GRC
093-35E-1015**

Conditions: Given an OA-3633/GRC with a suspected fault; appropriate maintenance forms; power supply; appropriate test, measurement, and diagnostic equipment (TMDE); TK-105/G; dummy load; repair parts; TM 11-5820-498-35; and DA Pam 738-750.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the OA-3633/GRC to operational condition in accordance with technical manual, and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750

TM 11-5820-498-35

Related

Repair Power Supply PP-1104/G
093-35E-1016

Conditions: Given a PP-1104/G power supply with a suspected fault; appropriate maintenance forms; TK-105/G; appropriate test, measurement, and diagnostic equipment (TMDE); repair parts; TM 11-6130-246-12; TM 11-6130-246-35; and DA Pam 738-750.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the PP-1104 power supply to an operational condition in accordance with technical manuals and completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-6130-246-12
TM 11-6130-246-35

Related

TM 11-6130-246-36

Repair Amplifier-Power Supply AM-7152/GRC-213
093-35E-1017

Conditions: Given an AM-7152/GRC-213 with a suspected fault, appropriate maintenance forms, power supply, multimeter, USM-298 watt meter, OA-9161/GRC-213, TK-105/G, dummy load, maintenance kit MK-2447, repair parts, TM 11-5820-923-12, TM 11-5820-923-40, and DA Pam 738-750.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the AM-7152/GRC-213 to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
 TM 11-5820-923-12
 TM 11-5820-923-40

Related

Subject Area 5: Receivers-Transmitters

Repair AN/PSC-5
093-35E-1059

Conditions: Given an AN/PSC-5 with a suspected fault, PSM-45 multimeter, ME-505A modulation meter, and power supply, TM 11-5820-1130-30&P, TM 11-5820-1130-12&P, and DA Pam 738-750.

Standards: Returned the AN/PSC-5 to an operational condition in accordance with TM 11-5820-1130-30&P and correctly completed all maintenance forms and reports in accordance with DA Pam 738-750.

Performance Measures**GO** **NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual/physical inspection procedures in accordance with TM 11-5820-1130-30&P.
4. Set up test equipment in accordance with technical manual, as required.
5. Performed self-tests in accordance with technical manual.
6. Identified fault and followed fault isolation chart in technical manual.
7. Replaced defective component with known good one.
8. Repeated steps 4-5.
9. Completed appropriate blocks on maintenance request forms.
10. Tagged defective parts for turn-in.
11. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
 DA PAM 738-750

Related

Repair Receiver-Transmitter RT-246/VRC
093-35E-1018

Conditions: Given a RT-246/VRC with a suspected fault, appropriate maintenance forms, maintenance kit MK-1978/VRC, radio test set AN/GRC-114A, wattmeter, TK-105/G, repair parts, TM 11-5820-401-34-2-1, and DA Pam 738-750.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the RT-246/VRC to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed necessary alignment as prescribed in technical manual.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-5820-401-34-2-1

Related

TM 11-5820-401-10-1
TM 11-5820-401-34-2-2

Repair Receiver-Transmitter RT-524/VRC
093-35E-1019

Conditions: Given an RT-524/VRC with a suspected fault, appropriate maintenance forms, power supply, AN/GRM-114A radio test set, TK-105/G, maintenance kit MK-1978/VRC, repair parts, TM 11-5820-401-34-2-2, and DA Pam 738-750.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the RT-524/VRC to an operational condition in accordance with technical manual and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed necessary alignment in accordance with technical manuals.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750

TM 11-5820-401-34-2-2

Related

TM 11-5820-401-10-2

Repair Receiver-Transmitter RT-841/PRC-77
093-35E-1020

Conditions: Given a RT-841/PRC-77 with a suspected fault, appropriate maintenance forms, AN/GRM-114, handset, PR-77, repair parts, TM 11-5820-667-12, TM 11-5820-667-35, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the RT-841/PRC to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
 TM 11-5820-667-12
 TM 11-5820-667-35

Related

Repair Receiver-Transmitter RT-1523 (*) C/U
093-35E-1021

Conditions: Given an RT-1523(*)C/U with a suspected fault, appropriate maintenance forms, power supply, ON-373 interconnecting group, radio set (AN/GRM 114B or 122), TM 11-5820-890-30, TM 11-5820-890-30-4, and DA Pam 738-750. This task can be performed in a garrison or field environment.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the RT-1523(*) C/U to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
 TM 11-5820-890-30
 TM 11-5820-890-30-4

Related

**Repair Receiver-Transmitter RT-1539 (P)A(C)/G
093-35E-1022**

Conditions: Given an RT-1539 with a suspected fault; appropriate maintenance forms; test set radio AN/USM-626 with appropriate test, measurement, and diagnostic equipment (TMDE); TK-105/G; TM 11-5820-1027-13&P; and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the RT-1539 to an operational condition in accordance with technical manual and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Initiated built-in test.
6. Selected appropriate test to run.
7. Performed selected test operation.
8. Verified faults listed on maintenance forms using appropriated troubleshooting chart.
9. Identified defective parts.
10. Replaced defective parts with operational ones.
11. Performed operational checks.
12. Completed appropriate blocks on maintenance request forms.
13. Tagged defective parts for turn-in.
14. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-5820-1027-13&P

Related

Subject Area 6: Secure Data Transmission Equipment

Repair TSEC/KG-84 (*)
093-35E-1024

Conditions: Given a TSEC/KG-84(*) with a suspected fault, appropriate maintenance forms, power supply, TK-105/G, ST-58, Z-APB Test Adapter, operational KG-84(*), repair parts, LMM-5(), LMM 2A, DA Pam 738-750, and TB 11-5810-393-24.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the TSEC/KG-84(*) to an operational condition in accordance with maintenance manuals and other cited references and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO** **NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Loaded key variable into KG-84(*)
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

DA PAM 738-750

LMM-2()

LMM-5()

TB 11-5810-393-24

Related

Repair TSEC/KI-1C
093-35E-1025

Conditions: Given a TSEC/KI-1C with a suspected fault, appropriate maintenance forms, power supply, AN/USM-488 oscilloscope, TK-105/G, fill device with maintenance key, ST-21 test set, KIR-1C/TSEC interrogator computer, KIT-1C/TSEC transponder computer, repair parts, KAM-528()/TSEC, TM 11-5810-389-13&P, and DA Pam 738-750.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the TSEC/KI-1C to an operational condition in accordance with cited references and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with maintenance and technical manuals.
5. Loaded key variable into the KI-1C.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

(O)KAM-528()/TSEC
DA PAM 738-750
TM 11-5810-389-13&P

Related

Subject Area 7: Secure Voice Equipment

**Repair TSEC/KY-57/KY-58
093-35E-1026**

Conditions: Given a TSEC/KY-57 or TSEC/KY-58 with a suspected fault, appropriate maintenance forms, ST-58 test set, Z-APD KG-84 test adapter, TK-105/G, LMM-5A, LMM-2A, (C)KAM-336()/TSEC, and DA Pam 738-750. This task can be done in a garrison or field environment.

NOTE: Use same produces to test both items.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the TSEC/KY-57 or TSEC/KY-58 to an operational condition in accordance with LMM-5A, LMM-2A, and TB 11-5810-393-24 and correctly complete all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Loaded key variable into KY-57 or KY-58.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed necessary printed-circuit board adjustments in accordance with (C)KAM-336()/TSEC or (C)KAM-336()/TSEC.
11. Performed operational checks.
12. Completed appropriate blocks on maintenance request forms.
13. Tagged defective parts for turn-in.
14. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
DA PAM 738-750
LMM-2()
LMM-5()

Related
(C)KAM-336()/TSEC
(C)KAM-337()/TSEC

Repair Vinson Family Ancillary Equipment
093-35E-1028

Conditions: Given a Vinson ancillary piece of equipment with a suspected fault; appropriate maintenance forms; appropriate test, measurement, and diagnostic equipment (TMDE); TM 11-5810-369-13&P; (C) KAM -337()/TSEC and (C)KAM-336()/TSEC; and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the ancillary equipment to an operational condition in accordance with maintenance and technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO** **NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Loaded key variable.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective part with operational ones.
10. Performed printed circuit board adjustments when necessary.
11. Performed operational checks.
12. Completed appropriate blocks on maintenance request forms.
13. Tagged defective parts for turn-in.
14. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

(C)KAM-336()/TSEC
(C)KAM-337()/TSEC
DA PAM 738-750
TM 11-5810-369-13&P

Related

**Repair KY-99/100/TSEC
093-35E-1053**

Conditions: Given a KY-99/100/TSEC with a suspected fault; appropriate maintenance forms; and test, measurement and diagnostic equipment (TMDE); and DA Pam 738-750. This task can be performed in a garrison or field environment.

Standards: Returned the KY-99/100/TSEC to operational condition in accordance with maintenance manual and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with maintenance manual.
5. Loaded key variable.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed necessary printed circuit board adjustments.
11. Performed operational checks.
12. Completed appropriate blocks on maintenance request forms.
13. Tagged defective parts for turn-in.
14. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
DA PAM 738-750

Related

Subject Area 8: Security

Identify COMSEC Insecurities
093-35E-1034

Conditions: Given TB 380-41, your supervisor tasks you to identify five possible COMSEC insecurities in a communications security (COMSEC) equipment repair facility. This task can be performed in a garrison or field environment.

Standards: Identified all five insecurities correctly in accordance with TB 380-41.

Performance Measures**GO NO GO**

1. Identified physical insecurities correctly.
2. Identified personnel insecurities correctly.
3. Identified cryptographic insecurities correctly.
4. Notified supervisor of findings.

References

Required
 TB 380-41

Related

Subject Area 9: Switching Equipment

Repair TSEC/KY-90
093-35E-1035

Conditions: Given a TSEC/KY-90 with a suspected fault, appropriate maintenance forms, TK-105/G, multimeter, power supply, BIT cable, repair parts, TM 11-5810-349-23, (C)KAM-435()/TSEC, and DA Pam 738-750. This task can be performed in a garrison or field environment.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the TSEC/KY-90 to an operational condition in accordance with maintenance and technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO** **NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with maintenance and technical manuals.
5. Loaded key variable into KY-90.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

(C)KAM-435()/TSEC
 DA PAM 738-750
 TM 11-5810-349-23

Related

Subject Area 10: Systems

Repair Radio Set AN/PRC-104 (*)
093-35E-1037

Conditions: Given an AN/PRC-104(*) with a suspected fault, appropriate maintenance forms, TK-105/G, OA-9161 maintenance kit, dummy load, power supply, AN/USM-459 frequency counter, AN/USM-488 oscilloscope, AN/PSM-45 digital multimeter, AN/USM-213 wattmeter, power cable, repair parts, TM 11-5820-919-40-1, and DA Pam 738-750. This task can be performed in a garrison or field environment.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the AN/PRC-104(*) to an operational condition in accordance with technical manual and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

DA PAM 738-750
 TM 11-5820-919-40-1

Related

TM 11-5820-919-40-2

Repair Radio Set Control AN/GRA-39(*)
093-35E-1038

Conditions: Given an AN/GRA-39 with a suspected fault, appropriate maintenance forms, TK-105/G, multimeter, repair parts, TM 11-5820-477-30, TM 11-5820-477-12, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the AN/GRA-39 to operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Performed primary power checks.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 11-5820-477-12
TM 11-5820-477-30

Related

Maintain Data Systems

093-35E-1056

Conditions: Given a communications terminal (DATA) for routine maintenance, KG-81, KG-84, KG-94, patch cords, oscilloscope, multimeter, keying materials, teletypewriter, KAM-366, LMM-5, KAM-456, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Maintained the data systems with no defects resulting and correctly completed all maintenance forms in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Initiated the maintenance forms.
3. Performed visual inspection.
4. Performed operational checks, and corrected any malfunctions or defects.
5. Correctly completed maintenance forms.
6. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

(C)KAM-366()/TSEC
 (O)KAM-456()/TSEC
 DA PAM 738-750
 LMM-5()

Related

Subject Area 11: Trunking Equipment

**Repair TSEC/KG-94(*)/194(*)
093-35E-1040**

Conditions: Given a TSEC/KG-94 with a suspected fault, appropriate maintenance forms, TK-105/G, multimeter, STX-34 test set, fill device with maintenance key, board extractor, repair parts, TM 11-5810-361-23, TM 11-5810-365-23, (C)KAM-456()/TSEC, and DA Pam 738-750.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the TSEC/KG-94 to an operational condition in accordance with technical manuals, and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with technical manuals.
5. Loaded key variable into KG-94.
6. Performed operational checks.
7. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
8. Identified defective parts.
9. Replaced defective parts with operational ones.
10. Performed operational checks.
11. Completed appropriate blocks on maintenance request forms..
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

(O)KAM-456()/TSEC
DA PAM 738-750
TM 11-5810-361-23
TM 11-5810-365-23

Related

Subject Area 12: Special Equipment Training (L/M)

**Repair KG-83/TSEC
093-35E-1041**

Conditions: Given a KG-83/TSEC with a suspected fault, appropriate maintenance forms, TK-105/G, multimeter, KT-83, ST-34 test set, repair parts, (C)KAM-407()/TSEC, (O)SAM-67()/TSEC, (O)TM 11-5810-331-13, and DA Pam 738-750. This task can be performed in a garrison or field environment.

NOTE: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Returned the KG-83/TSEC to an operational condition in accordance with maintenance and technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with maintenance and technical manuals.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed certification paperwork requirements.
11. Completed appropriate blocks on maintenance request forms.
12. Tagged defective parts for turn-in.
13. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

(C)KAM-407()/TSEC
(S)SAM-67()/TSEC
DA PAM 738-750
TM 11-5810-331-13

Related

(S)SAM-70()/TSEC

**Perform Certification of KG-83/TSEC
093-35E-1042**

Conditions: Given a TSEC/KG-83 requiring certification; appropriate maintenance forms; appropriate test, measurement, and diagnostic equipment (TMDE) identified in (S)SAM-70()/TSEC; (C)KAM-407()/TSEC; and DA Pam 738-750.

Standards: Ensured that the KG-83/TSEC successfully mets certification criteria, using listed maintenance manuals and equipment, and correctly completed maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Set up test equipment in accordance with maintenance manuals.
3. Prepared certification procedures for equipment under test.
4. Completed certification paperwork requirements.
5. Completed appropriate blocks on maintenance request forms.
6. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

(C)KAM-407()/TSEC
(S)SAM-70()/TSEC
DA PAM 738-750

Related

**Perform Certification of KGX-93A/TSEC
093-35E-1043**

Conditions: Given a TSEC/KGX-93A that requires certification; appropriate maintenance forms; TSEC/KT-83; TK-105 tool kit; digital multimeter; oscilloscope; (S)SAM-70()/TSEC; (C)KAM-405()/TSEC; and DA Pam 738-750.

Standards: Ensured that the KGX-93 successfully meets certification criteria using the TSEC/KT-83, and other tools, equipment, and maintenance manuals and correctly completed maintenance forms and records.

Performance Measures

GO NO GO

1. Obtained required tools, test equipment, and references.
2. Performed initial test setup and interconnections.
3. Prepared certification test procedures in accordance with maintenance manuals.
4. Completed certifications paperwork requirements.
5. Annotated all work performed on maintenance request form.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

(C)KAM-405()/TSEC
(S)SAM-70()/TSEC
DA PAM 738-750

Related

Maintain Fill Devices**093-35E-1054**

Conditions: Given a fill device with a suspected fault; appropriate maintenance forms; appropriate test, measurement, and diagnostic equipment (TMDE); TM 11-5820-890-10-8, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted for like items.

Standards: Returned the fill device to an operational condition in accordance with technical manuals and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Initiated maintenance forms.
2. Performed visual inspection and corrected any defects.
3. Performed operational test.
4. Completed appropriate blocks on maintenance request forms.
5. Corrected any malfunctions by following troubleshooting chart in technical manual.
6. Notified supervisor of completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References**Required**

DA PAM 738-750
TM 11-5820-890-10-8

Related

Subject Area 13: Mobile Subscriber Equipment (MSE) (F/M, 160-F27)

Repair TSEC/KT-83
093-35E-1045

Conditions: Given an TSEC/KT-83 with a suspected fault; appropriate maintenance forms; appropriate test, measurement, and diagnostic equipment (TMDE) identified in (S)SAM-70()/TSEC; (O)TB 750-12, and DA Pam 738-750.

Standards: Returned the TSEC/KT-83 to an operational condition in accordance with maintenance manual, and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with maintenance manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts with operational ones.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
(S)SAM-70()/TSEC
DA PAM 738-750
TB 750-12

Related

**Repair HGX-83A/TSEC
093-35E-1046**

Conditions: Given an HGX-83/TSEC with a suspected fault; appropriate maintenance forms; appropriate test, measurement, and diagnostic equipment (TMDE), identified in (S)KAM-402()/TSEC; (O)TB 750-12; and DA Pam 738-750.

Standards: Returned the HGX-83A to an operational condition in accordance with maintenance manual and correctly completed all appropriate maintenance forms and records in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Obtained required tools, test equipment, and references.
2. Completed appropriate blocks on maintenance request forms.
3. Performed visual inspection.
4. Set up test equipment in accordance with maintenance manual.
5. Performed operational checks.
6. Verified faults listed on maintenance forms using appropriate troubleshooting chart.
7. Identified defective parts.
8. Replaced defective parts.
9. Performed operational checks.
10. Completed appropriate blocks on maintenance request forms.
11. Tagged defective parts for turn-in.
12. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
(S)KAM-402()/TSEC
DA PAM 738-750
TB 750-12

Related

Subject Area 14: Maintenance Management

Prepare Maintenance Forms**093-35E-1050**

Conditions: Given an item of equipment needing repair, appropriate maintenance forms, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Standards: Successfully completed all required entries to maintenance request forms in accordance with DA Pam 738-750.

Performance Measures**GO NO GO**

1. Completed appropriate blocks on maintenance request form prior to starting repair.
2. Completed appropriate blocks on maintenance request form after repairing equipment.
3. Completed appropriate blocks on supply forms for parts used.
4. Correctly tagged all defective parts for turn-in.
5. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
DA PAM 738-750

Related

**Maintain the AN/GRM-122 Radio Test Set
093-35E-1055**

Conditions: Given an AN/GRM-122 radio test set for routine maintenance, appropriate technical manual, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Standards: Maintained the GRM-122 in a operational condition in accordance with the technical manual, and correctly completed all maintenance forms in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Initiated maintenance forms.
2. Performed visual inspection and took corrective action, if necessary.
3. Performed internal self-test and followed troubleshooting chart for corrective action.
4. Performed operational checks.
5. Completed maintenance forms.
6. Notified supervisor upon completion of task.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
DA PAM 738-750

Related

**Maintain The ST-58 Test Set
093-35E-1057**

Conditions: Given a test set ST-58 to perform routine maintenance, appropriate forms, TM 11-5810-369-13&P, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Standards: Successful corrected all deficiencies or adjustments in accordance with technical manual and correctly completed all appropriate maintenance forms and records in accordance with DA PAM 738-750.

Performance Measures

GO NO GO

1. Initiated DA Form 2404 and gathered equipment needed to perform routine checks.
2. Inspected exterior and corrected any defects or deficiencies.
3. Performed self-test and annotated any faults and corrective actions on DA Form 2404.
4. Conducted alignment procedures, if needed.
5. Spot painted, if necessary.
6. Turned in completed DA Form 2404 to maintenance supervisor.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA FORM 2404
DA PAM 738-750
TM 11-5810-369-13&P

Related

Skill Level 2

Subject Area 15: Maintenance Administration

React To COMSEC Insecurity**093-35E-2001**

Conditions: Given TB-380-41, and possible COMSEC insecurities in a communications security (COMSEC) equipment repair facility. This task can be performed in a garrison or field environment.

Standards: Identified the insecurity correctly and reported the insecurity in accordance with TB 380-41.

Performance Measures**GO NO GO**

1. Identified the insecurity.
2. Implemented corrective action.
3. Reported insecurity.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
TB 380-41

Related

Perform Technical Inspection of Radio/COMSEC Equipment
093-35E-2003

Conditions: Given a radio or COMSEC equipment with a suspected fault, appropriate tools, technical manuals, and maintenance forms. This task will be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Ensured the radio or COMSEC equipment fully operational and correctly completed all maintenance forms and records.

Performance Measures

GO NO GO

1. Obtained all required tools, and references.
2. Reviewed maintenance request form for deficiencies requiring corrective action.
3. Performed visual inspection.
4. Performed operational checks to determine equipment status, and proceeded accordingly depending on equipment status in technical manual-.
5. Correctly completed maintenance forms and records.
6. Turned in completed forms and equipment to maintenance facility production control.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
DA PAM 738-750

Related

Perform Initial Inspection

093-35E-2013

Conditions: Given a radio or COMSEC equipment with a suspected fault, appropriate tools, technical manuals, DA Form 2404, and DA Form 2407. This task can be performed in a garrison or field environment.

Note: Equivalent tools, test equipment, and accessories may be substituted with like items.

Standards: Correctly inspected the piece of equipment and met 10 level standards according to technical manual, and correctly completed DA Form 2404 and DA Form 2407 in accordance with DA Pam 738-750.

Performance Measures

GO NO GO

1. Obtained required tools, references, and forms.
2. Reviewed maintenance request forms for accuracy.
3. Performed visual inspection.
4. Annotated any discrepancies not already noted on maintenance request form on DA Form 2404, and took appropriate action.
5. Turned in completed forms and equipment to the production control section .

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA FORM 2404
DA FORM 2407
DA PAM 738-750

Related

Subject Area 16: Facility Administration

**Maintain a Shop/Section Calibration Program
093-35E-2014**

Conditions: Given a shop/section calibration program, TB 43-180, DA Form 3758-R, appropriate forms, and DA Pam 738-750. This task can be performed in a garrison or field environment.

Standards: Maintained a zero delinquency rate on all equipment requiring calibration in accordance with TB 43-180 and unit SOP and correctly completed all maintenance forms and records.

Performance Measures

GO NO GO

1. Identified all equipment on hand that required a calibration label.
2. Determined which pieces of equipment, once identified were listed in TB 43-180.
3. Prepared DA Form 3758-R for new equipment requiring calibration but not listed in TB 43-180 that requires calibration.
4. Scheduled equipment for calibration.
5. Turned in or picked up equipment from the calibration facility.
6. Updated calibration listings.
7. Maintained a temporary storage area for calibrate before use (CBU) equipment.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
DA FORM 3758-R
TB 43-180

Related

Skill Level 3

Subject Area 17: Electronic Maintenance Management

Inspect Section/Shop Safety**093-SSG-3001**

Conditions: Perform this task given a requirement to inspect an electronic or avionics maintenance shop area and given the following references: AR 40-5, AR 385-10, DA Pam 40-501, DA Pam 385-1, TB 385-3, TB 385-4, TB MED 523, Unit and local safety standing operating procedures (SOPs), and Unit Safety Checklist. This task can be performed in a field or garrison environment.

Standards: Inspection was conducted to ensure that all Army, company, and maintenance shop safety policies, regulations, and local SOPs were followed; all safety hazards were identified; environmental risk assessment to determine high risks areas was performed, and all deficiencies were corrected. Established an inspection schedule regarding what to inspect and how frequently. Recorded deficiencies and recommended corrective actions and retained these reports to check progress. Followed up to ensure deficiencies had been corrected.

Performance Measures**GO NO GO**

1. Reviewed the Army, company, and maintenance shop safety policies, regulations, and local SOPs.
2. Ensured that all of the Army safety references and company and maintenance shop SOPs were being followed.
3. Planned inspections so that all areas were covered periodically.
 - a. Identified hazards to the environment prior to the inspection process.
 - b. Assessed the probability of environmental damage/violations using environmental risk-assessment matrices before the inspection process.
4. Scheduled the inspection so that normal operations were disrupted as little as possible.
5. Inspected areas with the greatest potential for accident severity and those having the highest accident frequency more frequently.
6. Developed a suitable checklist of items to be inspected in accordance with AR 385-10, AR 40-5, DA Pam 40-501, DA Pam 385-1, TB 385-3, TB 385-4, TB MED 523, and maintenance section/shop SOPs.
7. Inspected the maintenance section/shop to ensure that all test equipment calibration dates were current.
8. Inspected the maintenance section/shop to ensure that all equipment and benches were properly grounded.
9. Inspected the maintenance section/shop to ensure that a mounted safety board was present.
10. Inspected the maintenance section/shop to ensure that rubber floor mats or similar insulating materials were provided for each repair position.
11. Inspected the maintenance section/shop to ensure that all power attachments, plugs, and connectors were serviceable with no exposed current-carrying parts except the prongs.

Performance Measures**GO** **NO GO**

12. Inspected the maintenance section/shop to ensure that all physical and high-voltage hazards had been identified.
13. Inspected the maintenance section/shop to ensure it was complying with host nation, local, state and federal environmental laws and regulations.
14. Briefed the chain of command on the results, potential high-risk areas, and recommendations from the safety inspection.
15. Identified all safety hazards and took corrective action.
16. Ensured that any deficiencies found were corrected.

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References**Required**

AR 385-10
 AR 40-5
 DA PAM 385-1
 DA PAM 40-501
 TB 385-3
 TB 385-4
 TB MED 523

Related

AR 200-1
 AR 385-40
 DA PAM 200-1
 FM 3-04.500
 FM 4-30.3
 TB 43-0129
 TC 3-34.489

**Manage Section/Shop Security
093-SSG-3002**

Conditions: Given AR 190-13, AR 380-5, AR 380-19, AR 380-40, DA Pam 190-51, FM 3-19.30, and local and unit standing operating procedures (SOPs). This task can be performed in a field or garrison environment.

Standards: Ensured that all Army security policies and regulations and the maintenance shop and local SOPs were followed. Identified and reported all security deficiencies and ensured that all deficiencies were corrected.

Performance Measures

GO NO GO

1. Reviewed all of the Army security policies and regulations and the maintenance shop and local SOPs.
2. Ensured a work place risk analysis was performed.
3. Ensured that physical security policies, regulations, and SOPs were followed.
4. Ensured that classification and marking policies were followed.
5. Ensured that all security control policies and regulations were followed.
6. Ensured that personnel security and signal training policies were followed:
 - a. Initial security training and briefing for newly assigned personnel.
 - b. Refresher security training for assigned personnel.
 - c. Procedures for identifying and reporting insecurities.
7. Ensured that signal security (SIGSEC) policies and regulations were followed:
 - a. Ensured subordinates followed all Army and unit policies and regulations covering communications security (COMSEC) procedures.
 - b. Ensured subordinates followed all Army and unit policies and regulations covering electronic security (ELSEC) procedures.
8. Identified and reported all security deficiencies and ensured that all deficiencies were corrected.

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

AR 190-13
AR 380-19
AR 380-40
AR 380-5
DA PAM 190-51
FM 3-19.30

Related

AR 5-12
DA PAM 25-380-2
FM 24-33
FM 34-60
FM 4-30.3

Submit a Quality Deficiency Report (QDR)

093-SSG-3004

Conditions: Given the requirement to submit a quality deficiency report (QDR) for a serious or recurring maintenance problem. You are given the following items: AR 725-50, DA Form 2404, DA Form 2407, DD Form 173/1, DD Form 1575, DD Form 2332, DA Pam 738-750, SF 368, and TB 43-0001-series for equipment used. This task can be performed in a field or garrison environment.

Standards: Identified conditions that indicated a quality deficiency existed, prepared the appropriate report form, and identified and retained QDR exhibits.

Performance Measures

GO NO GO

1. Identified conditions that indicated a quality deficiency exists.
 - a. A condition in or with the equipment, which is dangerous to people, other equipment, or the mission.
 - b. An item or equipment that did not work right or last as long as it should because of bad design or materials.
 - c. Items that were not within the approved equipment specifications.
 - d. Low quality workmanship.
 - e. Dangerous situations due to incorrect or missing data.
 - f. Maintenance problems.
 - g. Conditions that prevented using the equipment.
 - h. Repeated problems that took a lot of time and no solution in sight.
 - i. Problems requested to be reported by the National Maintenance Point (NMP).

2. Identified Category I deficiencies.
 - a. A defect that may have caused death, injury, or severe job illness.
 - b. A defect that would have caused loss or major damage to a weapon system.
 - c. A defect that would critically restricted the combat readiness capabilities of the unit.

3. Sent in a Category I deficiency report.
 - a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.
 - b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11 (may be phoned in).
 - c. Sent message within 48 hours after defect or problem was found.
 - d. Kept one copy of the SF 368 until the army screening point closed the case.
 - e. Sent one copy of the SF 368 to the support maintenance activity.

NOTE Send SF 368 even if - -

 - (1) Correspondence indicated the problem was known to exist (unless corrective action is printed in the Equipment Improvement Recommendation and Digest).
 - (2) Other units had sent in a QDR on the same problem.
 - f. Identified defective equipment as exhibits.

4. Identified Category II deficiencies (a defect or recommendation that did not meet the criteria for a Category I deficiency).

5. Sent in a Category II deficiency report.
 - a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.
 - b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11.
 - c. Sent a message within 5 days after defect or problem was found.

Performance Measures**GO** **NO GO**

- d. Kept one copy of the SF 368 until the Army screening point closed the case.
- e. Send one copy of the SF 368 to the support maintenance activity.

NOTE: Sent SF 368 even if - -

(1) Correspondence indicates the problem was known to exist (unless corrective action was printed in the Equipment Improvement Recommendation and Digest.

(2) Other units had sent in a QDR on the same problem.

- f. Identified defective equipment as exhibits.
6. Retained QDR exhibits:
- a. Tagged each exhibit with DD Form 1575, and DD Form 2332 and classified it in a suspended supply condition code in accordance with AR 725-50.
 - b. Ensured exhibits were not taken apart at organizational or support maintenance levels just to see cause of the problem.
 - c. Kept the SF 368 for at least 60 days or until disposition instructions were received from the responsible command.
 - d. Secured and /or segregated exhibits from all other materiel.

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References**Required**

AR 725-50
 DA FORM 2404
 DA FORM 2407
 DA PAM 738-750
 DD FORM 1575
 DD FORM 173/1
 DD FORM 2332
 SF 368
 TB 43-0001-SERIES

Related

AR 702-7
 AR 702-7-1
 DA PAM 738-751

Plan Work Flow
093-SSG-3006

Conditions: Perform this task given DA Forms 2407 or DA Form 5990-E/job packets with various issue priority designators, a visible index file showing the shop workload summary, and TM 38-L09-11. This task can be performed in a field or garrison environment.

Standards: Distributed all DA Forms 2407 or DA Form 5990-E/job packets by issue priority designators, highest priorities first. Ensured the visible index file were up to date, legible, and complete according to TM 38-L09-11.

Performance Measures

GO NO GO

1. Arranged the DA Forms 2407/job packets by issue priority designators, highest priorities first.
2. Used the DA Forms 2407/job packets in the same order to assign jobs to repairers.
3. Monitored the work as the jobs went through the repair process.
4. Assigned new jobs to the repairers as they completed the one they were assigned.
5. Reviewed all paper work within the job packets for completeness.
6. Updated the visible index file.

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

DA FORM 2407
DA FORM 5990-E
TM 38-L09-11

Related

DA FORM 2407-1
DA PAM 738-750
DA PAM 738-751
FM 4-30.3

Perform Final Inspections

093-SSG-3010

Conditions: Given the applicable technical manuals, equipment to be inspected, DA Form 2404 or DA Form 5988-E1, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed final inspection. Ensured that the equipment was complete according to the applicable technical manuals, all defects identified in previous inspections have been corrected, any additional defects have been recorded on DA Form 2404 or DA Form 5988-E, and all forms were completed according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures

GO NO GO

1. Checked the equipment to determine if it was complete and that all defects found on the initial and in-process inspections have been corrected.
2. Ensured that all forms and records were complete and correct.
3. Recorded any additional defects on DA Form 2404 or DA Form 5988-E and returned the equipment to production control.
4. Signed and dated DA Form 2407 or DA Form 5990-E when the equipment passed inspection.

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

DA FORM 2404
 DA FORM 2407
 DA FORM 5988-E
 DA FORM 5990-E
 DA PAM 738-750
 DA PAM 738-751

Related

DA PAM 750-1
 FM 4-30.3
 TM 750-245-4

**Maintain Property Accountability
093-SSG-3013**

Conditions: Perform this task given a quarterly reviewed of all hand receipts with hand-receipt holders in the maintenance section/shop, issued new equipment, and tagged unserviceable equipment for turn-in; AR 25-400-2, AR 710-2, DA Form 2062, DA Pam 710-2-1, Hand receipts, applicable equipment, and applicable technical manuals. This task can be performed in a field or garrison environment.

Standards: Issued supplies and equipment to hand-receipt holders while maintaining property and supply accountability.

Performance Measures

GO NO GO

1. Notified hand-receipt holders of quarterly inventory.
2. Reviewed file copies of all hand receipts and signature cards for each maintenance section/shop.
3. Assembled all new equipment to be issued into separate groups for issuing to hand-receipt holders during the quarterly inventory.
4. Issued new equipment to hand-receipt holders before inventorying.
5. Inventoried hand-receipts.
6. Updated each hand-receipt holder's equipment shortage list as needed.
7. Ensured that only authorized personnel on the hand-receipt holder signature card signed the hand receipt.
8. Ensured that all forms were filled out correctly.
9. Filed hand receipts in appropriate hand-receipt holder files.

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

- AR 25-400-2
- AR 710-2
- DA FORM 2062
- DA PAM 710-2-1

Related

Monitor Bench Stock Operations
093-SSG-3016

Conditions: Perform this task given AR 710-2, DA Pam 710-2-2, and a copy of FEDLOG discs. This task can be performed in a field or garrison environment.

Standards: Maintained bench stock in accordance with AR 710-2 and DA Pam 710-2-2.

Performance Measures

GO **NO GO**

1. Ensured that the bench stock was made up of low-cost expendable items.
2. Ensured that the bench stock was stored near the work area.
3. Ensured that bench stock replenishment tags and lists were maintained with the bench stock.
4. Ensured that bench stock was ordered on a prescribed schedule or as needed.
5. Ensured that the bench stock was ordered under the correct Urgency of Need Designator (UND).
6. Ensured that the bench stock was reviewed semiannually.

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

AR 710-2
DA PAM 710-2-2
FEDLOG

Related

**Monitor Shop Stock Operations
093-SSG-3017**

Conditions: Perform this task given a current copy of the shop stock list, AR 710-2, DA Pam 710-2-2, and a copy of FEDLOG discs. This task can be performed in a field or garrison environment.

Standards: Maintained the shop stock according to AR 710-2 and DA Pam 710-2-2.

Performance Measures

GO NO GO

1. Ensured repair parts and consumables listed on the shop stock met the criteria listed in AR 710-2 and DA Pam 710-2-2.
2. Ensured each item was demand-supported.
3. Ensured stockage levels were developed in accordance with DA Pam 710-2-2.
4. Ensured excess stocks were turned in within 10 days of review.
5. Ensured replenishment of stock was based on the reorder point (ROP).
6. Ensured controlled cryptographic item (CCI) repair parts required by Communications Security (COMSEC) maintenance activities for diagnostic purpose were hand receipted on temporary loan.
7. Ensured the shop stock was inventoried during the scheduled review period.
8. Ensured the shop stock list was signed by the unit commander and submitted to the supply support activity (SSA).

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required
AR 710-2
DA PAM 710-2-2
FEDLOG

Related

Review SAMS-1 Reports
093-SSG-3021

Conditions: Perform this task given SAMS-1 system installed, completed set of required SAMS-1 reports and forms, AISM 25-L21-AHN-ZZZ-EM, DA Pam 738-750, DA Pam 738-751, and FM 4-30.3 (FM 9-43-1). This task can be performed in a field or garrison environment.

NOTE: This task may be performed in an NBC environment.

Standards: Reviewed all required SAMS-1 reports and forms and corrected discrepancies according to AISM 25-L21-AHN-ZZZ-EM and DA Pam 738-750 or DA Pam 738-751. Filed all reports properly and forwarded copies as required.

Performance Measures

GO NO GO

1. Ensured that all required SAMS-1 reports and forms required for electronic/avionics maintenance operations were being used.
2. Reviewed new copies of all SAMS-1 reports and forms needed to run the electronic/avionics maintenance operations.
3. Compared the previous SAMS-1 reports and forms with the newly printed reports and forms for discrepancies.
4. Reviewed the new SAMS-1 reports and forms for discrepancies.
5. Ensured that all discrepancies were corrected.
6. Ensured that all SAMS-1 reports and forms were distributed or filed in accordance with Army regulations.

Evaluation Guidance: Score the soldier Go if all performance measures are performed correctly. Score the soldier No Go if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

AISM 25-L21-AHN-ZZZ-EM
DA PAM 738-750
DA PAM 738-751
FM 4-30.3

Related

CHAPTER 4**Duty Position Tasks**

	DUTY POSITION	SUBJECT AREAS	CROSS TRAIN	TRAIN-UP MERGER
SL 1	Radio/COMSEC Repairer	1-14	NA	35E2O
SL 2	Radio/COMSEC Repairer	1-14 15-16	NA	35E3O
SL 3	Senior Radio/COMSEC Repairer	17	NA	35W4O

APPENDIX A -**HANDS-ON EVALUATION (DA FORM 5164-R)
INSTRUCTIONS
(Excerpted from STP 21-24-SMCT, Appendix C)**

DA Form 5164-R (Hands-On Evaluation) allows the trainer to keep a record of the performance measures a soldier passes or fails on each task.

Before evaluation:

1. Obtain a blank copy of DA Form 5164-R, which you may locally reproduce on 8 ½, x 11, paper.
2. Enter the task title and 10-digit number from the STP task summary.
3. In Column a, enter the performance measure numbers from the task summary.
4. In Column b, enter the performance measure corresponding to the number in Column a (you may abbreviate this information, if necessary).
5. Locally reproduce the partially completed form when evaluating more than one soldier on the task or when evaluating the same soldier more than once.

During evaluation:

1. Enter the date just before evaluating the soldier's task performance.
2. Enter the evaluator's name, the soldier's name, and the unit.
3. For each performance measure in Column b, enter a check in Column c (PASS) or Column d (FAIL), as appropriate.
4. Compare the number of performance measures the soldier passes (and, if applicable, which ones) against the task standards specified in the task summary. If the standards are met or exceeded, check the GO block under STATUS; otherwise, check the NO-GO block.

APPENDIX B -**FIELD EXPEDIENT SQUAD BOOK (DA FORM 5165-R)
INSTRUCTIONS****(Excerpted from STP 21-24-SMCT, Appendix C)**

DA Form 5165-R (Field Expedient Squad Book) allows the trainer to keep a record of task proficiency for a group of soldiers.

Before evaluation:

1. Obtain a blank copy of DA Form 5165-R, which you may locally reproduce on 8 ½, x 11, paper.
2. Locally reproduce the partially completed form if you are evaluating more than nine soldiers.

During evaluation:

1. Enter the names of the soldiers you are evaluating, one name per column, at the top of the form.
2. Under STATUS, record (in pencil) the date in the GO block if the soldier demonstrated task proficiency to soldier's manual standards. Keep this information current by always recording the most recent date on which the soldier demonstrated task proficiency. Record the date in the NO-GO block if the soldier failed to demonstrate task proficiency to soldier's manual standards. Soldiers who failed to perform the task should be retrained and reevaluated until they can meet the standards. When the standards are met, enter the date in the appropriate GO block and erase the previous entry from the NO-GO block.

After evaluation:

1. Read down each column (GO/NO-GO) to determine the training status of an individual. This will give you a quick indication of which tasks a soldier needs training on.
2. Read across the rows for each task to determine the training status of all soldiers. You can readily see which tasks to focus training on.
3. Line through the STATUS column of any soldier who leaves the unit.

GLOSSARY

Section I

Acronyms & Abbreviations

(C)	CONFIDENTIAL
(O)	FOR OFFICIAL USE ONLY
(S)	SECRET
(U)	UNCLASSIFIED
*UNIT	trained in the unit
ac/AC	alternating current
ACCP	Army Correspondence Course Program
AIPD	Army Institute for Professional Development
AISM	automated information systems manual
AIT	advanced individual training
AN	annually
AR	Army regulation
ARTEP	Army Training and Evaluation Program
ARTEP MTP	ARTEP mission training plan
attn	attention
BA	biannually
BIT	built-in test
BNCOC	basic noncommissioned officer course
BW	biweekly
CCI	controlled cryptographic item
COMSEC	communications security
CTT	common task test
DA	Department of the Army
DC	direct current
DD/DOD	Department of Defense

DS	direct support
ELSEC	electronic security
EMP	electromagnetic pulse
FEDLOG	Federal Logistics
FM	frequency modulation; field manual
GS	general support
GTA	graphic training aid
Hz	hertz
ICOM	integrated COMSEC
IF	intermediate frequency
IHFR	improved high-frequency radio
KAM	cryptographic aids to maintenance
KAO	cryptographic aids to operator
kHz	kilohertz
kw	Kilowatt
LRA	local reproduction authorized
MD	military deception
MHz	megahertz
MODEM	modulation/demodulation equipment
MOS	military occupational specialty
MSE	mobile subscriber equipment
MTP	MOS training plan
NBC	nuclear, biological, and chemical
NCO	noncommissioned officer
NMP	national maintenance point
NSN	national stock number
pam	pamphlet
PMCS	preventive maintenance checks and services

QDR	Quality Deficiency Report
QT	quarterly
R/T	receiver-transmitter
RC	Reserve Component
RCU	remote control unit
RDL	Reimer Digital Library
RF	radio frequency
RFO	radio frequency oscillator
RO/ROP	reorder/reorder point
SA	semiannually
SAMS-1	Standard Army Maintenance System-Level 1
SF	standard form
SIG	signal
SIGSEC	signal security
SL	skill level
SM	soldier's manual
SM/TG	soldier's manual/trainer's guide
SMCT	soldier's manual of common tasks
SOJT	supervised on-the-job training
SOP	standing operating procedure(s)
SSA	supply support activity
STP	soldier training publication
TAMMS	The Army Maintenance Management System
TB	technical bulletin
TB MED	technical bulletin (medical)
TG	trainer's guide
TM	technical manual
TMDE	test, measurement, and diagnostic equipment

TRADOC	United States Army Training and Doctrine Command
TSEC	telecommunications security
UND	urgency of need designator
US	United States
V	nerve agent
VA	Virginia
VFP	variable frequency oscillator
w/	with
w/o	without
WK	weekly

Section II

Terms

Alternating current

An electric current that reverses its direction at regular intervals, usually abbreviated as AC.

Ampere

The ampere is the fundamental unit of measure for electric current. One ampere is defined as the current that flows when a potential of one volt is impressed on a resistance of one Ohm.

Army Training and Evaluation Program

The ARTEP is the cornerstone of unit training. It is the umbrella program used by the trainer and training manager in the training evaluation of units. The ARTEP is a complete program that enables commanders to evaluate and develop collective training based on unit weaknesses, then train the unit to overcome those weaknesses and reevaluate. Success on the battlefield depends on the coordinated performance of collective and individual skills that are taught through the ARTEP mission training plan (MTP).

Collective training

Training in institutions or units that prepares cohesive teams and units to accomplish their missions on the battlefield and in operations other than war.

Common task

A task every soldier in the Army must learn and perform at some skill level.

Critical task

See "task," "critical collective task," and "critical individual task."

Cross training

The systematic training of soldiers on tasks related to another duty position.

Individual training

Training that prepares the soldier to perform specified duties or tasks related to assigned duty position or subsequent duty positions and skill level.

Integration training

Initial entry training in Skill Level 1 tasks for an individual newly arrived in a unit. In all cases the TRADOC school proponent supports this training.

Merger training

Training that prepares an NCO to supervise one or more different MOSs at lower skill levels when the soldier advances in skill level in his career management field.

SAMS1

Software package designed to manage maintenance operations, including work order registration, repair parts, stockage and requisition, manpower utilization, and readiness reporting.

Shared tasks

Critical tasks performed by soldiers in an MOS for which the MOS proponent is not the task proponent (that is, shared between schools) and critical tasks performed by soldiers from two or more MOSs from the same proponent (that is, shared within a school).

SINGARS

Single channel ground and airborne radio system.

Sustainment training

See "refresher training."

REFERENCES

Required Publications

Required publications are sources that users must read in order to understand or to comply with this publication.

Army Regulations

AR 190-13	The Army Physical Security Program. 30 September 1993
AR 25-400-2	The Army Records Information Management System (ARIMS). 18 March 2003
AR 380-19	Information Systems Security. 27 February 1998
AR 380-40	(O) Policy for Safeguarding and Controlling Communications Security (COMSEC) Material (U). 30 June 2000
AR 380-5	Department of the Army Information Security Program. 29 September 2000
AR 385-10	The Army Safety Program. 6 June 2003
AR 40-5	Preventive Medicine. 15 October 1990
AR 710-2	Inventory Management Supply Policy Below the Wholesale Level. 31 October 1997
AR 725-50	Requisition, Receipt, and Issue System. 15 November 1995

Department of Army Forms

DA FORM 2028	Recommended Changes to Publications and Blank Forms. 1 February 1974
DA FORM 2062	Hand Receipt/Annex Number. 1 January 1982
DA FORM 2404	Equipment Inspection and Maintenance Worksheet. 1 April 1979
DA FORM 2407	Maintenance Request. 1 July 1994
DA FORM 2407-1	Maintenance Request-Continuation Sheet. 1 July 1994
DA FORM 3758-R	Calibration and Repair Requirements Worksheet (LRA). 1 December 1996
DA FORM 5164-R	Hands-On Evaluation (LRA). 1 September 1985
DA FORM 5165-R	Field Expedient Squad Book (LRA). 1 September 1985
DA FORM 5988-E	Equipment Inspection Maintenance Worksheet (EGA). 1 March 1991
DA FORM 5990-E	Maintenance Request (EGA). 1 March 1991

Department of Army Pamphlets

DA PAM 190-51	Risk Analysis for Army Property. 30 September 1993
DA PAM 25-30	Consolidated Index of Army Publications and Blank Forms. 1 January 2003
DA PAM 25-35(C)	(O) Index of Communications Security (COMSEC) Publications (U). 1 October 2001
DA PAM 350-100	Extension Training Materials (ETM) Consolidated MOS Catalog. 19 March 1990
DA PAM 350-59	Army Correspondence Course Program Catalog. 26 October 2001
DA PAM 385-1	Small Unit Safety Officer/NCO Guide. 29 November 2001
DA PAM 40-501	Hearing Conservation Program. 10 December 1998
DA PAM 710-2-1	Using Unit Supply System (Manual Procedures) (Standalone Pub). 31 December 1997

DA PAM 710-2-2 Supply Support Activity Supply System: Manual Procedures. 30 September 1998

DA PAM 738-750 Functional Users Manual for The Army Maintenance Management System (TAMMS). 1 August 1994

DA PAM 738-751 Functional Users Manual for The Army Maintenance Management System-Aviation (TAMMS-A). 15 March 1999

Field Manuals

FM 25-4 How to Conduct Training Exercises. 10 September 1984

FM 25-5 Training for Mobilization and War. 25 January 1985

FM 3-19.30 Physical Security. 8 January 2001

FM 4-30.3 Maintenance Operations and Procedures. 1 September 2000

FM 7-0 Training The Force. 22 October 2002

FM 7-1 Battle Focused Training. 15 September 2003

Other Product Types

(C)KAM-336()/TSEC Limited Maintenance Manual KY-57.

(C)KAM-337()/TSEC Limited Maintenance Manual KY-58.

(C)KAM-366()/TSEC Limited Maintenance Manual KG-81.

(C)KAM-395()/TSEC Limited Maintenance Manual HGX-82.

(C)KAM-403()/TSEC Limited Maintenance Manual KY-68.

(C)KAM-405()/TSEC Limited Maintenance Manual KGX-93.

(C)KAM-407()/TSEC Limited Maintenance Manual KG-83.

(C)KAM-435()/TSEC Limited Maintenance Manual KY-90.

(O)KAM-456()/TSEC Limited Maintenance Manual KG-94/94A.

(O)KAM-528()/TSEC Limited Maintenance Manual KI-1C.

(S)KAM-402()/TSEC Full Maintenance Manual HGX-83.

(S)SAM-67()/TSEC Limited Maintenance Manual ST-34.

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By Order of the Secretary of the Army:

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General, United States Army
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